

River & Plateau Committee (RAP)

<u>Oct-Dec 2021</u>	<u>Jan-Mar 2022</u>	<u>Apr-Jun 2022</u>	<u>Jul-Sep 2022</u>
<p><u>HAB Meeting</u>: Oct 20 (meet & greet plus orientation)</p> <p><u>Committee Call</u>: Oct 27 placeholder</p> <p><u>RAP Meeting</u>: Nov 16 – Groundwater focus</p> <p><u>HAB Meeting</u>: Dec 15-16</p>	<p><u>Committee Call</u>: Jan 26 placeholder</p> <p><u>RAP Meeting</u>: Feb 8</p> <p><u>HAB Meeting</u>: Mar 23-24</p> <p><u>Committee Call</u>: Mar 30 placeholder</p>	<p><u>RAP Meeting</u>: Apr 12 placeholder</p> <p><u>COTW</u>: May 17</p> <p><u>Leadership Workshop</u>: May 18-19</p> <p><u>HAB Meeting</u>: Jun 22-23</p> <p><u>Committee Call</u>: Jun 29 placeholder</p>	<p><u>RAP Meeting</u>: Aug 19 placeholder</p> <p><u>HAB Meeting</u>: Sep 21-22</p>
<ul style="list-style-type: none"> • Standing Items <ul style="list-style-type: none"> ○ Adopt last meeting summary ○ Open Forum ○ Committee business 	<ul style="list-style-type: none"> • Standing Items <ul style="list-style-type: none"> ○ Adopt last meeting summary ○ Open Forum ○ Committee business 	<ul style="list-style-type: none"> • Standing Items <ul style="list-style-type: none"> ○ Adopt last meeting summary ○ Open Forum ○ Committee business 	<ul style="list-style-type: none"> • Standing Items <ul style="list-style-type: none"> ○ Adopt last meeting summary ○ Open Forum ○ Committee business
<ul style="list-style-type: none"> • Topics <ul style="list-style-type: none"> ○ Cumulative Impact Evaluation & Composite Analysis update - DOE (#11 & #12 Qs) ○ Gable Pond Cover/Cap ○ Groundwater Monitoring (under RCRA) (#15 Qs) ○ PFP & PRF rubble (#19 Qs) ○ Annual groundwater monitoring report/plume update. Monitoring programs, networks & how they fit together ○ Carbon tetrachloride remedial optimization update - PNNL ○ PUREX removal action ○ BP-5/PO-1 interim ROD status – DOE? EPA? 	<ul style="list-style-type: none"> • Topics <ul style="list-style-type: none"> ○ Remedial/removal action update (NTCRA, TCRA, river corridor) ○ RAP chair/vice chair elections 	<ul style="list-style-type: none"> • Topics <ul style="list-style-type: none"> ○ TRU ○ Central Plateau ○ Prepare for EIC workshop and HAB work planning at May Leadership Workshop 	<ul style="list-style-type: none"> • Topics <ul style="list-style-type: none"> ○ 2-day joint meeting with TWC, including 1-day for a tour

Draft Agenda & Framing Questions for First Quarter RAP Meeting – November 2021

	Time	Topic	Framing Questions	Documents	People
1	9:00 am 15 minutes	Opening (agenda review, past meeting summary, announcements)			
2	9:15 am 60 minutes	Block #1			
3	10:15 am 15 minutes	BREAK			
4	10:30 am 60 minutes	Block #2			
5	11:30 am 75 minutes	LUNCH			
6	12:45 pm 60 minutes	Block #3			
7	1:45 pm 15 minutes	BREAK			
8	2:00 PM 60 minutes	Open Forum			
9	3:00 pm 15 minutes	BREAK			
10	3:15 pm 45 minutes	Committee Business			
11	4:00 pm	ADJOURN			

Topics and Framing Questions from FY2021 RAP Work Plan**Standard Framing Questions from FY2021 HAB Work Plan**

- Are there decisions or milestones coming soon?
- What is the project schedule, or do you expect delays?
- Is there funding?
- When will work start?
- Are there opportunities for Board input?
- Are there changes occurring?
- Is there any new technology needed?
- What is the risk/benefit?
- How does this project support the overarching Hanford Site vision?

Topic Number (for reference)	Agenda Topic	Framing Questions & Background Notes	Issue Managers	Agency Staff
1	Name: 200-W Pump and Treat Optimization – Carbon Tetrachloride Key upcoming dates: Public Comment Period:	Framing Questions <ul style="list-style-type: none"> • Requested briefing • 2014 ROD says 95% contaminant reduction in 25 years of pumping and compliance. 2014 PNNL study says carbon tetrachloride will take ~630 years instead of 41 years to decay. Plume core is bigger than anticipated. • What are solutions? 		
2	Name: 324 Building Key upcoming dates: Public Comment Period: Next meeting: Other Notes: Brian Vance indicated at the HAB meeting on December 9, 2020 that this topic is ripe for discussion in January, February, March 2021	Policy Issue(s) <ul style="list-style-type: none"> • RAP requests regular briefings because this is a very high-risk project close to the Tri-Cities and the Columbia River. Framing Questions <ul style="list-style-type: none"> • How has COVID impacted the schedule? What milestones are going to need to move? • Have work modifications been made to prevent additional contamination spread to work force? • CHPRC did some calculations based on a PNNL report that says that up to ~700 gallons of water a day can be used during excavation without impacting groundwater. Interested in these calculations. • It is anticipated that the wastes will eventually go to ERDF. How does this fit with ERDF's waste acceptance criteria since the contamination is tank waste? • Is a 3D image of contamination available? What is the history/age of the building and the lead (when did it occur)? 		

Topic Number (for reference)	Agenda Topic	Framing Questions & Background Notes	Issue Managers	Agency Staff
3	Name: 618-11			
4	Name: A and AX Tank Farms Key upcoming dates: March? Next meeting: Joint topic with TWC	Framing Questions <ul style="list-style-type: none"> What is in and/or moving in the vadose zone? What does closure mean? What is the associated risk? 		
5	Name: Budgetary Impacts on River & Plateau Work Next meeting: Joint topic with BCC			
6	Name: Canyons - Demolition and Disposition	Framing Questions <ul style="list-style-type: none"> What is the order of the planned demolition of Canyons, other than B Plant? Update on thinking re: Canyons. Can waste be put there? Grout? What are long-term ideas on demolition or other uses? Overflow from tanks into a “chemical sewer” purposeful discharges. What is the plan for dealing with these related to the canyons? 		
7	Name: Carbon Tetrachloride Optimization Other Notes: Topic requested by a RAP member in November 2020. EPA project team doing study in a 5–7-year effort. Not yet ripe. Annual update might make sense. Could be part of general groundwater discussions, e.g., annual pump and treat report.			
8	Name: Central Plateau Characterization			
9	Name: Central Plateau Facility Schedule	Framing Questions <ul style="list-style-type: none"> Plutonium Finishing Plant slab sampling Non-time critical removal actions: B Plant, PUREX, REDOX. 		

Topic Number (for reference)	Agenda Topic	Framing Questions & Background Notes	Issue Managers	Agency Staff
10	Name: Central Plateau Principles and Procedures Other Notes: Requested Nov 2020	Policy Issue(s) <ul style="list-style-type: none"> Document added by reference to the TPA Formalizes RASCAL teams. HAB Products <i>(may include due dates)</i> <ul style="list-style-type: none"> HAB Advice #283. May lead to additional draft advice 		
11	Name: Composite Analysis (CA) Next meeting: Joint topic with TWC	Policy Issue(s) <ul style="list-style-type: none"> DOE produces annual reports on groundwater monitoring and composite analysis of radionuclides on the site A new modeling tool, the Cumulative Impact Evaluation (CIE) quilts together all the groundwater models on site Hanford Site Disposition Baseline (HSDB) Framing Questions <ul style="list-style-type: none"> What is the Composite Analysis? The CIE includes the CA Request for annual updates Questions about iodine and technetium – are there reports that provide an over-arching picture of these isotopes? 		
12	Name: Cumulative Impact Evaluation Update Next meeting: Requested topic for April 2021 RAP meeting	Policy Issue(s) <ul style="list-style-type: none"> DOE produces annual reports on groundwater monitoring and composite analysis of radionuclides on the site A new modeling tool, the Cumulative Impact Evaluation (CIE) quilts together all the groundwater models on site Framing Questions <ul style="list-style-type: none"> Request for annual update Request for briefing Develop framing questions for yearly overview of groundwater topic for a Sep/Oct 2021 RAP meeting Is there something new? Are there new final (not draft) documents? 		

Topic Number (for reference)	Agenda Topic	Framing Questions & Background Notes	Issue Managers	Agency Staff
13	<p>Name: Environmental Restoration Disposal Facility (ERDF)</p> <p>Other Notes: Topic requested at October 2019 COTW</p>	<p>Framing Questions</p> <ul style="list-style-type: none"> EPA and Ecology have voiced concern that clean soil was being used to compact/cover DDDD wastes. What is DOE's plan to ensure contaminated soils from remediated waste sites are available for compaction/fill? Where does ERDF stand in regard to its total limits on certain radionuclides and space in general? Will the estimated remaining volume/inventory on site fit? Is there a publicly available performance assessment for ERDF? Who decides whether a waste is appropriate for ERDF, and is there publicly available documentation? <p>HAB Products (may include due dates)</p> <ul style="list-style-type: none"> HAB Advice #2, #75, #219, and #281 Work on this topic may develop into additional draft advice 		
14	<p>Name: Gable Pond Cover/Cap</p> <p>Other Notes: Topic suggested mid-2019</p>			
15	<p>Name: Groundwater Monitoring (under RCRA)</p> <p>Key upcoming dates:</p> <p>Public Comment Period:</p> <p>Next meeting: Topic for Sep/Oct/Nov 2021 timeframe</p> <p>Other Notes: RAP request for an annual update</p>	<p>Policy Issue(s)</p> <ul style="list-style-type: none"> HAB value of protecting the Columbia River and the groundwater that flows into it. <p>Framing Questions</p> <ul style="list-style-type: none"> Define terms used in Executive Summary of 2019 Groundwater Monitoring Report Define the 4 or 5 different monitoring programs Define different cleanup levels (5 levels) Related to other workplan items #12, #14, #15, PFP, and annual groundwater monitoring report. Link to CA/CIE Where are the wells? Cumulative/site-wide information Deep vadose zone contamination 		

Topic Number (for reference)	Agenda Topic	Framing Questions & Background Notes	Issue Managers	Agency Staff
16	Name: Hanford Site Five-Year Plan "Placemat" Key upcoming dates: Tuesday, January 26 BCC meeting has this topic on the agenda	Policy Issue(s) <ul style="list-style-type: none"> This vision document is the framework for the BCC cleanup priorities advice. Unless the updated Five-Year Plan is presented at the December 2020 HAB meeting, the BCC advice could be delayed Framing Questions <ul style="list-style-type: none"> When will this be updated? 		
17	Name: M-91 Key upcoming dates: Ecology indicated that this topic would be ripe for discussion in February 2021 Next meeting: April 2021 meeting to receive recommendation from IM team on additional RAP work on this topic	Framing Questions <ul style="list-style-type: none"> When will shipments of waste resume to WIPP? 	Shelley Cimon Larry Haler Vince Panesko	
18	Name: Orphan Waste	Framing Questions <ul style="list-style-type: none"> Where does it go? (e.g., filters) Vitrified waste (not from Waste Treatment Plant) – German logs and test logs in PUREX Tunnel 2 (special-case waste with no identified disposal path) Other wastes (cesium/strontium capsules, TSCR columns, 291-B HEPA filters, Soils contaminated with High-Level Waste) 		
19	Name: Plutonium Finishing Plant (PFP)	Framing Questions <ul style="list-style-type: none"> Below grade new response comments and plan Demolition status Slab sampling status and schedule Grouting/TCRA status Update on PFP "rubble" pile. Is it a potential contamination source of concern? 		
20	Name: RASCAL Other Notes: Requested November 2020	HAB Products (may include due dates) <ul style="list-style-type: none"> Possible draft advice. 		

Topic Number (for reference)	Agenda Topic	Framing Questions & Background Notes	Issue Managers	Agency Staff
21	Name: Recovery Mode Process Plan Other Notes: Requested September 2020	Framing Questions <ul style="list-style-type: none"> How to start back up safely How are projects weighted when deciding what to begin in Phase 2 remobilization? 		
22	Name: Response to RAP Advice	HAB Products (<i>may include due dates</i>) <ul style="list-style-type: none"> #303: 100 BC #306: Aging Structures #308: B Plant (DOE response received March 2021) 		
23	Name: River Corridor Treatment - 300 Area SF05 and 100K	Policy Issue(s) <ul style="list-style-type: none"> Two promising remediation/treatment methods are being run. RAP would like annual updates. Framing Questions <ul style="list-style-type: none"> 100-K – Using the existing pump and treat system, unsaturated soils are being flushed with clean water to clean out hexavalent chromium 300 Area uranium sequestration – chemicals were injected at and above the water table to create a time release capsule for uranium in soils. It has been over a year since the injections stopped. What are the results? 		
24	Name: SW-2			
25	Name: T Plant			
26	Name: Technical Impracticability (TI) on Iodine on the Central Plateau Public Comment Period: TI waivers have to go out with Proposed Plan for public comment	Framing Questions <ul style="list-style-type: none"> Questions about iodine and technetium – are there reports that provide an over-arching picture of these isotopes? 		
27	Name: Waste Encapsulation Storage Facility (WESF) Next meeting: Last briefing at RAP meeting on February 9, 2021	Framing Questions <ul style="list-style-type: none"> Update on fabrication of equipment. FY2023 budget request numbers (track) 		